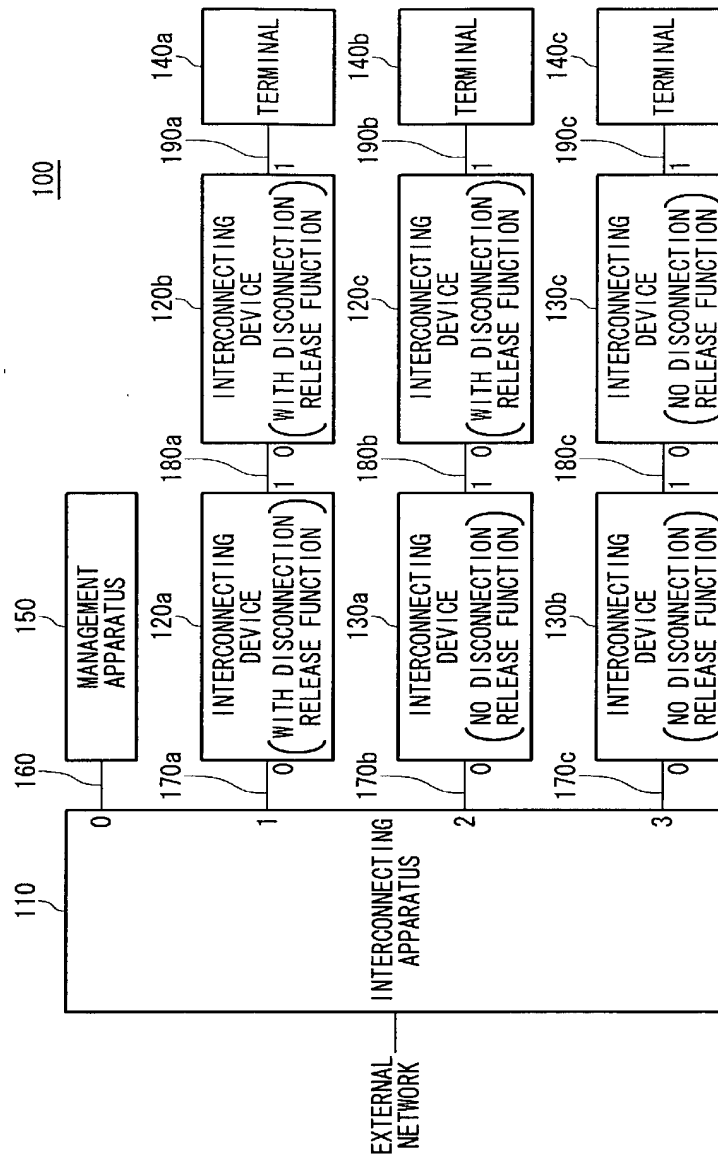
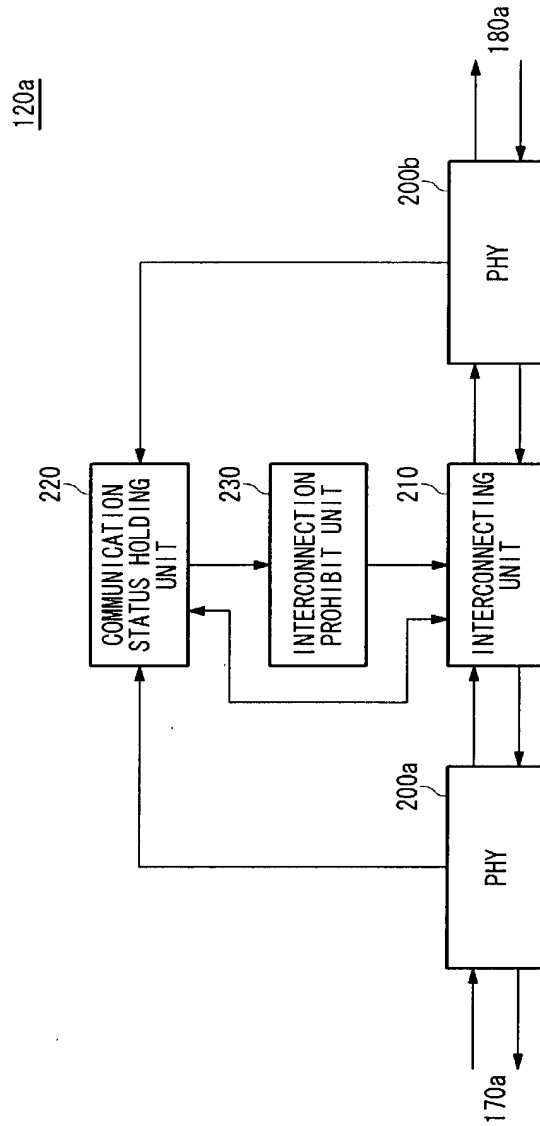


FIG. 1



IP2112010US

FIG. 2



IP2112010US

FIG. 3

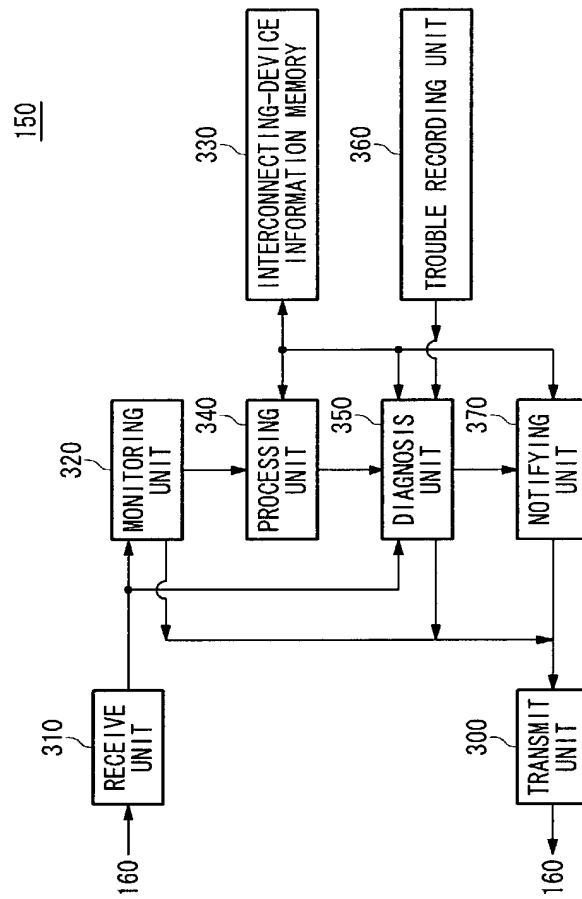


FIG. 4

340

ID	DEVICE	TYPE	DESTINATION ID
001	MANAGEMENT APPARATUS 150	SERVER	002-0
002	INTERCONNECTING APPARATUS 110	ROUTER	PORT 0:001
003	INTERCONNECTING DEVICE 120a	INTERCONNECTING DEVICE M	PORT 0:002-1, PORT 1:004-0
004	INTERCONNECTING DEVICE 120b	INTERCONNECTING DEVICE M	PORT 0:003-1, PORT 1:005
005	TERMINAL 140a	CLIENT	004-1
006	INTERCONNECTING DEVICE 130a	INTERCONNECTING DEVICE	PORT 0:002-2, PORT 1:007-0
007	INTERCONNECTING DEVICE 120c	INTERCONNECTING DEVICE M	PORT 0:006-1, PORT 1:008
008	TERMINAL 140b	CLIENT	007-1
009	INTERCONNECTING DEVICE 130b	INTERCONNECTING DEVICE	PORT 0:002-3, PORT 1:010-0
010	INTERCONNECTING DEVICE 130c	INTERCONNECTING DEVICE	PORT 0:009-1, PORT 1:011
011	TERMINAL 140c	CLIENT	010-1

IP2112010US

5/9

FIG. 5

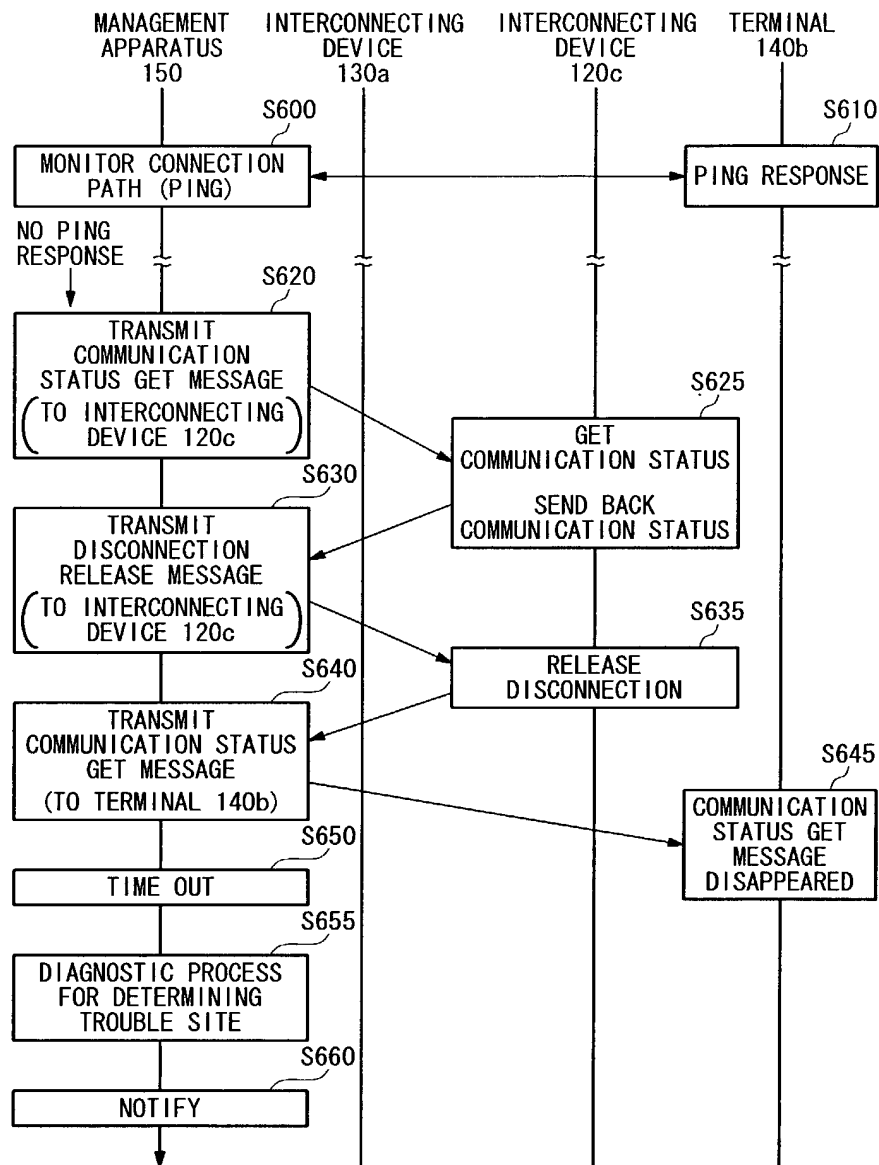
360

#	DATE AND TIME	TROUBLE SITE
1	2000/10/29 17:05	003
2	2000/11/15 8:53	004-1~005

IP2112010US

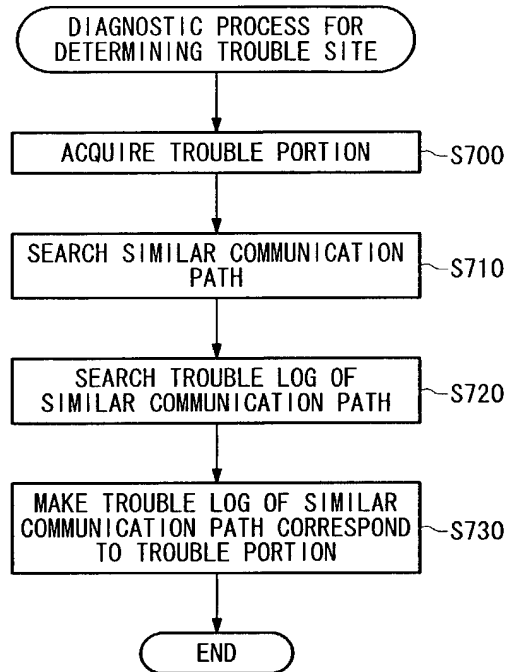
6/9

FIG. 6



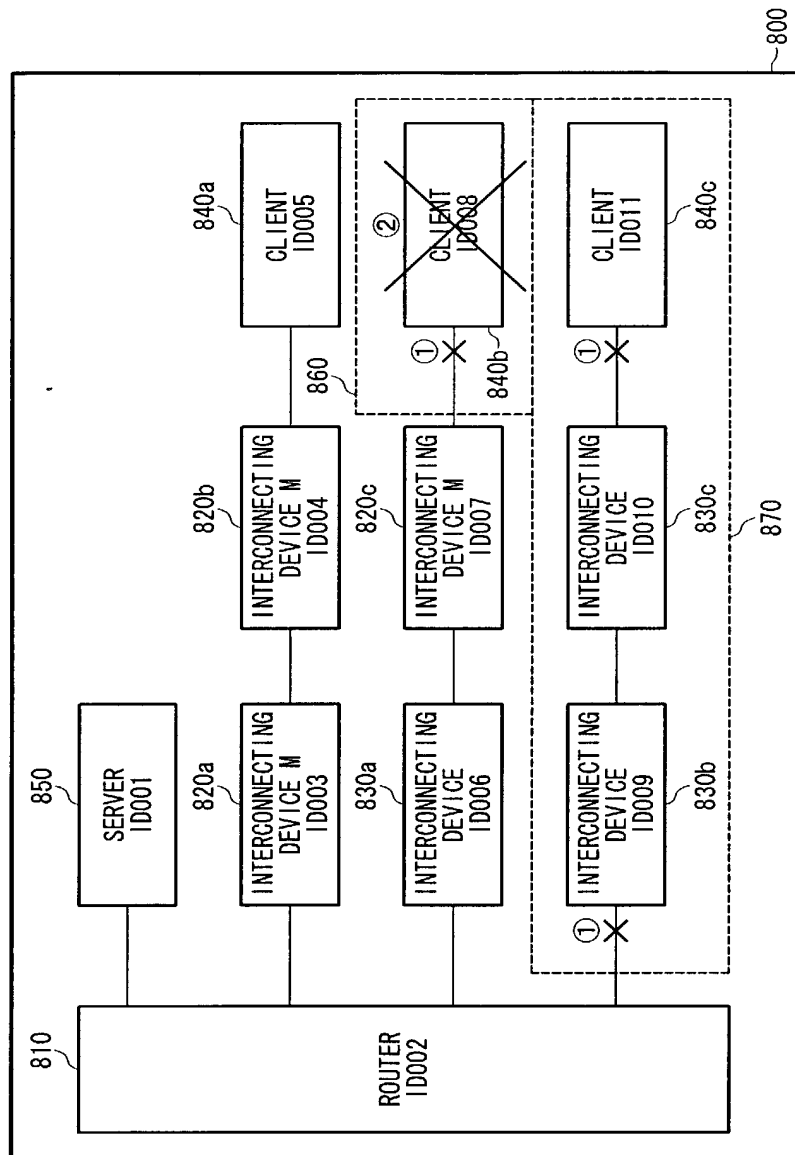
IP2112010US

FIG. 7



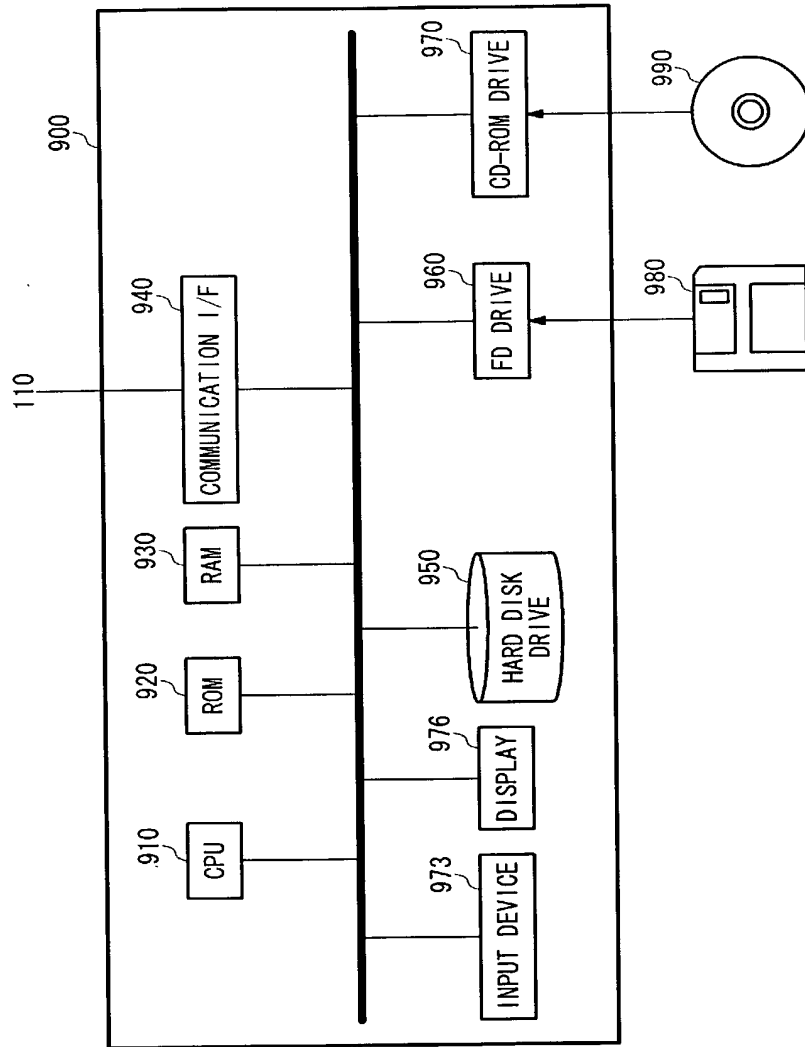
IP2112010US

FIG. 8



IP2112010US

FIG. 9



IP2112010US